

ABSTRACT

A technique is provided for translating one or more networked applications to act virtually as if operating at a node or communication point within a network simulation. The invention disclosed herein has aspects of both emulation and simulation, allowing an actual networked application code (herein called simply 'application code') and simulated models to interact with each other in any combination. However, one or more application codes are virtually translated such that they appear to the rest of the simulated model(s) or applications code(s) to be resident at a simulated node. This simulated node may be any node (fixed or mobile) of the simulation, and one or more application codes can be mapped to a single node. Although the preferred embodiment would be the case where simulated time is synchronized to real-time, accelerated or slower than real-time simulation can also be used with the invention.